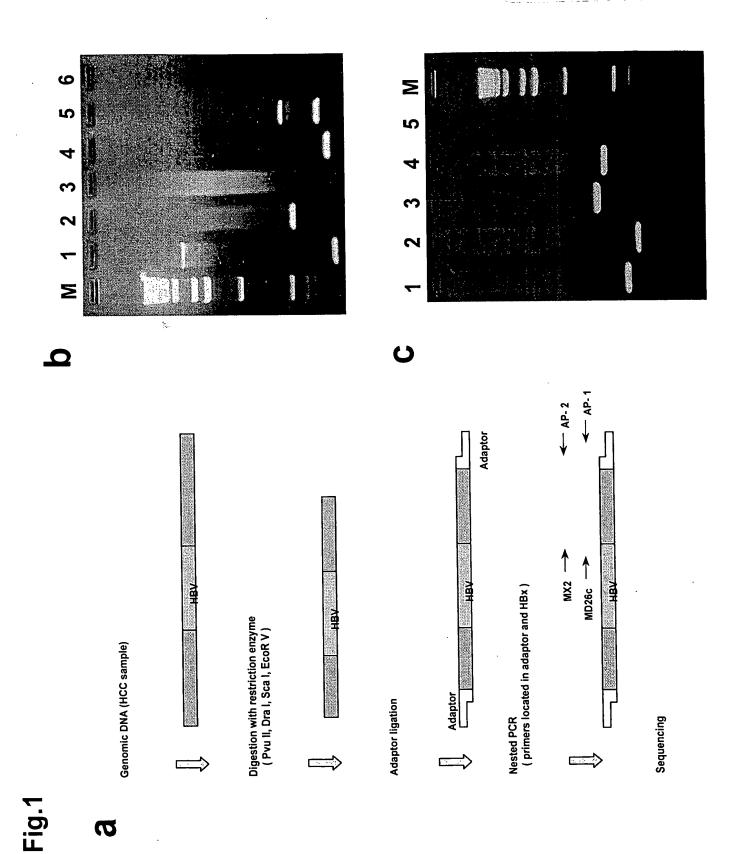
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HCC131 TTCACCAGCACCATGCAACTTTTTC/ATCTGCCCGTCTCGGCCTCCAAAG

B

•

HCC143 GTACTAGGAGGCTGTAGGCATAAAT/GTCCTATTCCTCACTGTCCAG 7

3

1762 HCC002 AGTTGGGGGAGATTAGGTTAAA/GAGTCTCACTTTGTCCAGGCTGGAG 4

MLL4 gene (AD000671)

15295...17315 Exon 3

(Alu repeat 17521...17812) 17316...17869 Intron 3

17870...17983 Exon 4 17221 tagaggagaa gatottcagc doctcaaga gagccaaagt gcagctattc aagatcgatc

17281 agcagcagca gcagaagdtg gcagcttcca tgccggtgag tgtggtccct gggcccagcg

17341 gcacacccag ccatccagce tccattcttt gcaaccccct aaccttccgc ctccttggac

17401 actiticcage attgegggga acceteagaa ectgeetitic tgtgateeee eacetteett

17461 tgttcctcc cagacctggc ccttctctgt gctagttccc tgtccctatc ttcc/³⁾ttttt

17581 totoggetca etgeageett tgeeteeegg giteaagaga tieteetgee teagtetete 17521 ttititit attitigaga co/4 gagtotoa ottigtocag gotggagtgo agtggogtga

17641 gagtagctgg gactacaggt gcccatcacc acgcctggct aattitigta tittagtag

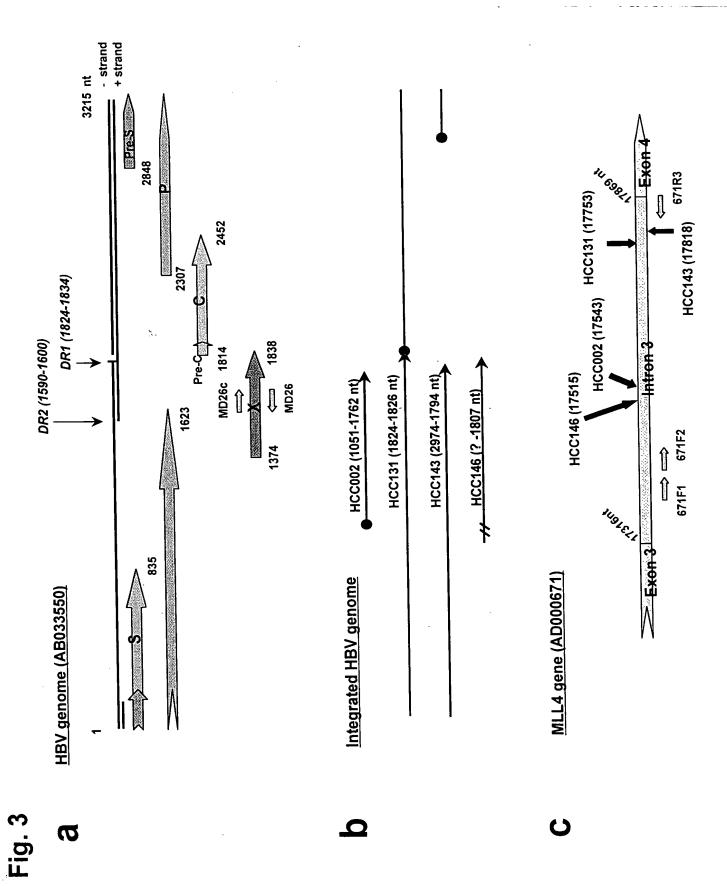
17761 gtctcggcct cccaaagtgc tgggattaca ggcatcagcc accacaccca $gctccct^{\prime\prime}$ gtc17701 agacagggtt tcaccacatt ggctaggctg gtcttgaact $cctgacctcg\ tg/^3$ atctgccc

17881 <u>agggcagatg gaggaggtgg ocggggtgt caagcagatc tocgacagag gcodtfcog</u> 17821 cctatcttic cicactgice ageeeetgae eetgittati eeetgeeag<u>e toageedg</u>

atdraagat gagtoggtgg aagdtaagag agagcggccc tcagtatgca togggaggag

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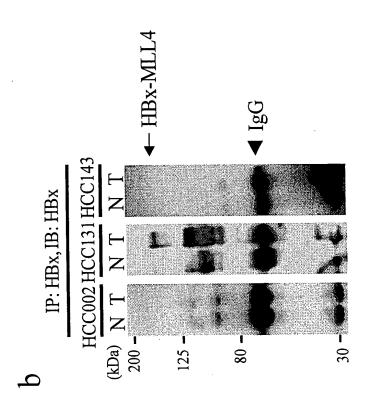
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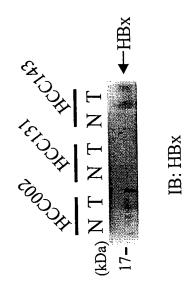
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Fig. 4

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Fig. 5

2021 taaaaag dagggac capprag agatgtot atgraget ducagag

2081 aggatga ggraggit agggaaa tgittaata ggggttat taagtga 25141 aaggggg ggaagga aaggagg gagaaga agggttat taalttaa

gatogote actogot coangige togattara ggallgnae adggong

tragrage appointe granging crapping cropacies ignores

pgyad ogdadg caddog doggdd agagdd odgddo gdodgg laggyd faaggo goarag digdal tillgall goggitig tititizata ajangag otgaliot aocataa doditoal

24661

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dransare 19q13.1 (ADCCC71) ML4 intran3/exar4

gictogect crangigo tangitara graficago acarama geterrigio 7821 extatetite eteacistic agenciase existitati exispaase tagendas aggraphig gagaging coggythic capacignt topacign gootstoo gictgagat gagtogigg agotaaga agopgoon toagtaigoa toggaggag क्ष्राचात्रका क्ष्म्यच्छा क्षम्यक्ष्मिक क्ष्मचित्रका क्ष्मच्यक्ष्म क्ष्मच्यक्ष्मिक क्ष्मच्यक्ष्मिक क्ष्मच्यक्ष 1781 agagaga gagaggg gagottoca tgoggtgag tgtggtoot gggoragog 1741 gazacag catcago toattott gazooot acottogo dodtega igitatas agaitge affetagi gagitas igiastate tradititi 17401 actiticage atigogogo accicago edgetite tgigotece coeffett tonggina agagati igatang gitangga italatga taglalat getagting getarangt gocatcac another autititigia ittiftagta agraphit travarait patagate girtigat organing ligiton tttttttt attittga oggida attglag gaggige 17461 8 134 7521 7641 17761 7581 1001

★ : HBV integration site

dransane 17p11.2 (A037294)

1481 tancata dacatg gtgggg gyggga gtggtgac caang

'aggrapa aggytap atcatog oglogox ogganac tgdgta.

agaggat atogotac otgotica colonia diggitti gigitigil tottogitig togotitic gaogge otgotog ogcano gagasa

24601 24661 24721 24781 24841 24801